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**Cc:** Clifford Firstenberg[cfirstenberg@tierrasolutionsinc.com]  
**From:** Carlie Thompson  
**Sent:** Fri 6/24/2016 3:22:44 PM  
**Subject:** Revised Phase III Figures and Shapefiles  
[20160624 Draft Proposed Sampling Locations Subunit 1.pdf](#)  
[20160624 Draft Proposed Sampling Locations Subunit 2.pdf](#)  
[20160624 Draft Proposed Sampling Locations Subunit 3.pdf](#)  
[20160624 Draft Proposed Sampling Locations Subunit 4.pdf](#)  
[20160624 Draft Proposed Sampling Locations Subunit 5.pdf](#)  
[20160624 Draft Proposed Sampling Locations Subunit 6.pdf](#)  
[20160624 Grid Points.piz](#)  
[20160624 Subunit Grids.piz](#)

Eugenia,

Please find attached revised proposed Phase III sampling location figures. They are similar to the figures submitted on June 17 but the sample locations in a grid cell with a Phase I and/or Phase II sampling location have been moved to reoccupy the historical sampling location. Please also find attached the shapefiles for the proposed sampling locations (grid points) and subunit grids. They are zip files but have been renamed as “.piz” so hopefully they will send correctly. The “20160624 Grid Points” shapefile contains both the white and black dots. The “SampPresent” field in the shapefile will indicate if a dot is white (value of “YES”) or black (value of <NULL>).

Below is the sample count table, unchanged from the June 17 submittal.

Subunit	Required Number of Samples per Subunit	Number of Grid Cells Containing One or More SQT or Crab/Clam Sample	Total Number of Samples to be Collected During Phase III	Total Number of Samples to be Analyzed During Phase III
1	84	15	69	69
2	35	0	35	8*
3	19	2	17	9**
4	35	8	27	27
5	45	14	31	31
6	45	5	40	40
TOTAL:	263	44	219	184***

Notes:

\* EPA is requiring 35 samples to be collected from Subunit 2; however, only 8 composite samples are to be analyzed.

\*\* EPA is requiring 9 samples to be collected from Port Newark Channel and the dredged navigation channel; however, only 1 composite sample is to be analyzed. The remaining 8 individual samples in Subunit 3 will also be analyzed.

\*\*\* Total Sample Counts: 219 is the total number of sediment samples to be collected; 184 is the total number of samples to be analyzed. Only 9 composite samples, representing 44 sampling locations, collected from the dredged navigation channel and port channels will be analyzed.

Thanks,

Carlie

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